

**APPENDIX
(See Rule 6)
FORM-'A'**

**Form for seeking prior approval under section 2 of the proposals by the state
Government and other authorities**

**PART-1
(TO BE FILLED BY USER AGENCY)**

1.	Project details:	
(i)	Short narrative of the proposal and project/scheme for which the forest land is required.	<p>The present proposal is for prior approval for diversion of 37.7154 ha of the Forest Land under F (C) Act 1980 and W(P)Act,1972 for the purpose of Erection of 400KV QMDC line (in Forest Areas) from the proposed 4x270 MW Bhadradri TPP Manugoor to the proposed 400/220KV SS at Padamati Narsapuram (V) Julurupadu (M) Khammam (Dist) as a part of Bhadradri Thermal Power Transmission Scheme.</p> <p>Out of this, length of the line passing through the forest areas is 8199 m (4176 m in Chatakonda RF of Kothagudem Forest Division; 132 m in Chinthiryala RF & 941 m in Rathangutta (Pamulapalli) RF of Paloncha Forest Division; and 2782.61 m in Chatakonda RF & 167.39 m in Punukula RF of Paloncha Wild Life Forest Division. The 400KV DC line requires forest width of 46 m.</p> <p>Hence, the forest areas proposed for diversion are 19.2096 ha in Kothagudem Forest Division, 4.9358 ha in Paloncha Forest Division and 13.57 ha in Paloncha Wild Life Forest Division.</p> <p>Already proposals for Kothagudem and Paloncha Divisions submitted. However, during inspection, it is found that additionally 13.57 ha in Paloncha Wild Life Forest Divisions also required. Similarly, 36121.0 m length of the line through ESZ of Kinnerasani WLS & non-RF areas and 4176 m length of the line through ESZ of Kinnerasani WLS & within RF areas and 1960.8 m length of the line passing through Kinnerasani WLS and without RF also requires permission from NBWL.</p> <p>Hence, submitted additional proposals.</p> <p style="text-align: center;">Detailed note on the project enclosed.</p>
(ii)	Map showing the required forest land, boundary of adjoining forest on a 1:50K scale map.	<p>Map showing the reserve forest and adjacent forest is enclosed.</p> <p>The ETS & DGPS/GNSS Survey data map authenticated by the Forest Department enclosed.</p>
(iii)	Cost of the project	Rs.253.00 Crores
(iv)	Justification for locating the project in forest area	<p>At present TSTRANSCO transmitting power from power plants and various sub-stations to various consumers, DISCOMS at 132KV, 220KV & 400KV level voltages depend upon the capacity of generation of power plants and requirement by consumer. The Telangana State Government has taken decision to supply the power to the people of Telangana uninterruptedly. Accordingly, establishment of new power generation stations and laying of new power lines have been proposed and approved.</p> <p>One of the important approved power generation plant is Bhadradri Thermal Power Plant with capacity of 4X270MW</p>

(1080 MW) is approved at Manuguru in Khammam District.

This power has to be transmitted at 400KV level only (as per norms) to the National Grid for further distribution. For this, it is proposed to construct a 400/220KV Substation at Julurupadu for transmitting the power at 400KV level to the national grid by constructing other sub-stations at Jangaon (Warangal District) at 400/220KV SS level and connecting to existing 400/220KV SS at Suryapeta in Nalgonda District and to cater the power at 220KV level to various sub-stations for maintaining uninterrupted power supply and to meet the loads in Telangana State.

Duly considering the above facts, the proposed 400KV QMDC line from the proposed 4X270MW Bhadradi TPP Manuguru Thermal Power Plant Manuguru to the proposed 400/220KV SS at Padamati Narsapuram (V) in Julurupadu (M) of Khammam (Dist), which is of Bee line length of 70Km. But as Bee line is passing completely through heavy forest it is proposed to avoid the forest of about 50km. It is a well-known fact that the power losses will be more at low voltages and for long distances also. However, to avoid the forest areas to minimum, it was decided to increase the bee line length upto 110 km against Bee line length of 70 km as normal which should not exceed 10%. But at some stretches it is must cross the forest as there is no corridor. By this the length of the alignment from 50 km inside forest is reduced to about 8.2 km i.e., about 80% is reduced. The details of forest area required are as follows:


Division	RF Name	Status	Length in m	Width in m	Area in ha
Kothagudem	Non-RF	ESZ	8768	46	40.3328
Kothagudem	Chatakonda RF	ESZ	4176.0	46	19.2096
Paloncha WLM	Non-RF	Enclosure in WLS	1950.0	46	8.97
Paloncha WLM	Chatakonda RF	WLS	2782.61	46	12.8
	Punukula RF	WLS	167.39	46	0.77
Paloncha	Non-RF	ESZ	15543.0	46	71.4978
Paloncha	Non-RF	ESZ	8580.0	46	39.468
Paloncha	Chintiryala RF	ESZ	132.0	46	0.6072
Paloncha	Chintiryala Non-RF	ESZ	3230.0	46	14.858
Paloncha	Ratnagutta RF	RF	941.0	46	4.3286

The following are the abstract:

Description / Divisions	Length in m	Width in m	Area in ha
Passing through RF (excluding WLS and ESZ) / Paloncha	941.0	46	4.3286
Passing through WLS with RF / Paloncha WLM	2950.0	46	13.57
Passing through ESZ with RF / Kothagudem & Paloncha	4308.0	46	19.8168
Passing through Enclosure in WLS without RF / Paloncha WLS	1950.0	46	8.97
Passing through ESZ without RF / Kothagudem & Paloncha	36121.0	46	166.1566

			Detailed note on the project enclosed.					
	(v)	Cost-benefit analysis (to be enclosed).	Statement enclosed.					
	(vi)	Employment likely to be generated	During construction of this project 150 persons will get benefited, after completion of project 10 No's regular staff is required for maintenance works.					
2.		Purpose-wise break-up of the total land required.	After working out various alternative Alignments, the diversion of forest land to the minimum requirement is worked out. This forest land is proposed to be utilized for laying of 400KV QMDC line from the proposed 4X270MW Bhadradi TPP Manuguru Thermal Power Plant Manuguru to the proposed 400/220KV SS at Padamati Narsapuram (V) in Julurupadu (M) of Khammam (Dist). The details of the forest land required are as follows:					
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3.		Details of displacement of people due to the project, if any:						
	(i)	Number of families.	Does not arise as there are no displacement of the people for the project					

	(ii)	Number of Scheduled Casts/ Scheduled Tribe families.	
	(iii)	Rehabilitation plan (To be enclosed)	
4.		Whether clearance under Environment (Protection) Act, 1986 required? (Yes/No)	Doesn't arise.
5.		Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost for protection and regeneration of Safety Zone, etc., as per the scheme prepared by the State Government	Enclosed.
6.		Details of Certificates/ documents enclosed as required under the instructions.	<ul style="list-style-type: none"> ❖ Justification for locating the Project inside the Forest Land ❖ Undertaking for depositing the funds towards raising and maintenance of Compensatory afforestation. ❖ Undertaking for depositing the funds towards payment of Net Present Value (NPV) and Additional NPV. ❖ Undertaking for depositing the funds towards payment of extraction of tree growth. ❖ Certificate of Area Minimum. ❖ Detailed statement requirement of forest land. ❖ Map in SI sheet showing the forest land ❖ ETS & DGPS/GNSS survey data for forest land proposed for diversion. ❖ Certificate for non-violation of Forest (Conservation) Act, 1980..... etc


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